



UNITED STATES DEPARTMENT OF COMMERCE  
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**NOTICE OF ALLOWANCE AND ISSUE FEE DUE**

PM82/1122

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APPLICATION NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
09/096,663	06/12/98	033	COHEN, C	3634 11/22/99
First Named Applicant	KRUPKE, 35 USC 154(b) term ext. = 0 Days.			

TITLE OF INVENTION COUNTERBALANCE SYSTEM FOR UPWARD ACTING DOOR

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEE DUE	DATE DUE
3 B-60857	049-200.000	E66	UTILITY	NO	\$1210.00	02/22/00

**THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED.**

**THE ISSUE FEE MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.**

**HOW TO RESPOND TO THIS NOTICE:**

**I. Review the SMALL ENTITY status shown above.**

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is changed, pay twice the amount of the FEE DUE shown above and notify the Patent and Trademark Office of the change in status, or
- B. If the status is the same, pay the FEE DUE shown above.

If the SMALL ENTITY is shown as NO:

- A. Pay FEE DUE shown above, or
- B. File verified statement of Small Entity Status before, or with, payment of 1/2 the FEE DUE shown above.

**II. Part B-Issue Fee Transmittal should be completed and returned to the Patent and Trademark Office (PTO) with your ISSUE FEE. Even if the ISSUE FEE has already been paid by charge to deposit account, Part B Issue Fee Transmittal should be completed and returned. If you are charging the ISSUE FEE to your deposit account, section "4b" of Part B-Issue Fee Transmittal should be completed and an extra copy of the form should be submitted.**

**III. All communications regarding this application must give application number and batch number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.**

**IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.**

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Patent and Trademark Office**

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
09/096,663	06/12/98	KRUPKE	L B-60857

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EXAMINER

COHEN, C

ART UNIT	PAPER NUMBER
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3634

DATE MAILED:

11/22/99

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

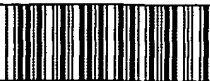
# Notice of Allowability

Application No.  
**09/096,663**

Applicant(s)  
**Krupke et al**

Examiner  
**Curtis Cohen**

Group Art Unit  
**3634**



All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance and Issue Fee Due or other appropriate communication will be mailed in due course.

☒ This communication is responsive to the amendment filed on 9/7/99 and the telephone interview on 11/16/99.

☒ The allowed claim(s) is/are 1-20, 22-31, and 33-35

☐ The drawings filed on \_\_\_\_\_ are acceptable.

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some\* ☐ None of the CERTIFIED copies of the priority documents have been

☐ received.

☐ received in Application No. (Series Code/Serial Number) \_\_\_\_\_.

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\*Certified copies not received: \_\_\_\_\_

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE **THREE MONTHS** FROM THE "DATE MAILED" of this Office action. Failure to timely comply will result in ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.

☒ Applicant MUST submit NEW FORMAL DRAWINGS

☐ because the originally filed drawings were declared by applicant to be informal.

☒ including changes required by the Notice of Draftsperson's Patent Drawing Review, PTO-948, attached hereto or to Paper No. 5.

☒ including changes required by the proposed drawing correction filed on Sep 7, 1999, which has been approved by the examiner.

☐ including changes required by the attached Examiner's Amendment/Comment.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the reverse side of the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

☐ Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Any response to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE/SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included.

## Attachment(s)

☐ Notice of References Cited, PTO-892

☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). \_\_\_\_\_

☐ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

☒ Interview Summary, PTO-413

☒ Examiner's Amendment/Comment

☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

☐ Examiner's Statement of Reasons for Allowance

B

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### EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Michael Martin on November 16, 1999.

The application has been amended as follows:

Claim 1, line 5, after the term "drums", ~~the~~ following phrase has been inserted

B1

--interconnected by an elongated shaft and supported on spaced-apart brackets --

Claim 1, line 6 to line 7, the phrase ~~"being adapted to have"~~ has been deleted and replaced with --having--.

Claim 1, line 10, after the term "spring", ~~the~~ following phrase has been inserted:

B2

-- mounted on said shaft between said drums --.

Claim 1, line 15, after the term "mechanism" ~~the~~ following phrase has been inserted:

B3

-- including a part held stationary with respect to said bracket and operatively --.

Claim 1, line 18, after the term "tube", the phrase ~~"to rotate"~~ has been deleted and replaced with -- , which rotates --.

Claim 2, line 3, before the term ~~"winding"~~, the phrase -- part of said -- has been inserted.

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Claim 7, lines 2 and 3 have ~~been~~ deleted.

Claim 7, line 5, before the term "winding", the phrase -- part of said -- has been inserted.

Claim 12, line 3, the term "an elongated" has been deleted and replaced with --said--.

Claim 12, line 4, after the term "on" the term --said-- has been inserted.

Claim 12, line 4, the term "support" has been deleted.

Claim 14, line 3, before the term "winding", the phrase -- part of said -- has been inserted.

Claim 14, line 6, before "said brackets", the phrase -- one of -- has been inserted.

Claim 14, line 6, the term "bracket" has been deleted and replaced with --brackets --.

Claim 14, line 7, before the term "bracket", the term -- one --has been inserted.

Claim 15, line 3, before the term "bracket", the term -- one --has been inserted.

Claim 15, line 6, before the term "bracket", the term -- one --has been inserted.

Claim 16, line 3, the term "torsion" has been deleted.

Claim 17, line 5, the term "key means" has been deleted and replaced with -- keys --.

Claim 17, line 6, the term "slot means" has been deleted and replaced with -- slots --.

Claim 20, line 3, has been deleted.

Claim 20, line 4, the term --another -- has been inserted before the term "torsion."

Claim 20, line 4, the term "springs" has been deleted and replaced with --spring--.

Claim 20, line 5, the phrase "each of said cable" has been deleted and replaced with  
-- the other of said --.

Claim 20, line 6, the term "respectively," has been deleted.

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Claim 20, line 6, the term "~~opposed~~" has been deleted and replaced with -- another --.

Claim 20, line 6, the term "tubes" has ~~been~~ deleted and replaced with --tube--.

Claim 20, line 7, the phrase "~~springs, respectively~~" has been deleted and replaced with -- other spring --.

Claim 20, line 8, the phrase "~~said system includes a~~" has been deleted and replaced with -- another --.

Claim 20, line 8, after the term "~~mechanism~~", the following phrase has been inserted:

B4 -- including a part held stationary with respect to said bracket and operatively --.

Claim 20, line 9, the phrase "each of said ~~tubes~~" has been deleted and replaced with -- said other tube --.

Claim 20, line 9, the term "tubes" has ~~been~~ deleted and replaced with -- other tube --.

Claim 21 has ~~been~~ canceled.

Claim 23, line 4, the term "~~elongated~~" has been deleted.

Claim 23, line 5, the phrase "spaced ~~apart~~ support" has been deleted and replaced with --said--.

Claim 25, line 25, after the term "~~brackets,~~" the phrase -- each of -- has been inserted.

Claim 25, line 26, before the term "~~respective~~", the article -- a -- has been inserted.

Claim 25, line 26, the term "ones" has ~~been~~ deleted and replaced with --one--.

Claim 25, line 27, the phrase "with ~~respect~~ to said hub assemblies, respectively," has been deleted.

Claim 31, line 8, the term "~~a free end~~" has been deleted and replaced with -- an end of said flexible member --.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Curtis Cohen whose telephone number is (703) 308-2106.

The fax phone number for this Group is (703) 305-7687.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-2168.

C. Cohen *cc*

November 16, 1999

A handwritten signature in black ink that reads "Daniel P. Stodola". The signature is written in a cursive style with a large, looping initial 'D'.

Daniel P. Stodola  
Supervisory Patent Examiner  
Group 3600